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(21)Application number : 2001-083019 (71)Applicant : FUJI PHOTO FILM CO LTD

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(54) PLANOGRAPHIC PRINTING ORIGINAL PLATE**(57)Abstract:**

PROBLEM TO BE SOLVED: To provide a planographic printing original plate capable of printing without execution of development treatment after exposure, having improved printing durability and excellent in non-staining properties.

SOLUTION: This planographic printing plate has a hydrophilic layer containing a hydrophobic precursor, a photothermal converting agent and a three-dimensional crosslinked hydrophilic binder and becoming hydrophobic by heat on a supporting body. The hydrophobic precursor is fine particles having a core-shell structure containing a lipophilic resin in the core part and cationic substituent groups in the shell part.

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